

Recombinant Human GGCT Protein (His Tag)

Catalog Number: PKSH033273

Note: Centrifuge before opening to ensure complete recovery of vial contents.

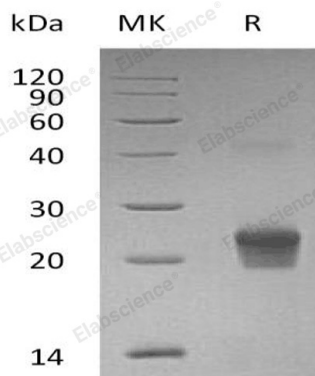
Description

| | |
|--------------|--|
| Species | Human |
| Source | E.coli-derived Human GGCT protein Met 1-Leu188, with an N-terminal His |
| Mol_Mass | 23.2 kDa |
| Accession | O75223 |
| Bio-activity | Not validated for activity |

Properties

| | |
|----------------|---|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Storage | Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. |
| Shipping | This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C. |
| Formulation | Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, pH 8.0. |
| Reconstitution | Not Applicable |

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Human γ -Glutamylcyclotransferase belongs to the Transferases family, specifically the Aminoacyltransferase. γ -Glutamylcyclotransferase catalyzes the formation of 5-Pxoproline from γ -Glutamyl Dipeptides. It plays an important role in Glutathione Homeostasis. γ -Glutamylcyclotransferase induces the release of Cytochrome C from the mitochondria resulting in the induction of apoptosis.